

## EXALIGN™

### Self-Aligning Pedestal and Flange Bearing Housing

#### CHARACTERISTICS

- Adjusting bearing for misalignment equalisation
- All-purpose as flange (EXALIGN™ DF and FL) or pedestal bearing (EXALIGN™ PB), suitable for high loads
- Self-aligning spheric avoids edge load to the bearing
- Adjustable up to  $\pm 5^\circ$
- Spheric is secured against distortion
- Depending on choice of housing, spherics and bearings, simple to most demanding bearing solutions are possible
- For optimum design solutions, various bearings from the GGB product program are applicable

#### AVAILABILITY

**Made to order:** Pillow Block, Plummer Blocks



#### APPLICATIONS

**Industrial:** Wind energy plants, car washes, cleaning machines, drum systems, bevelling equipment, handling systems, conveyor belts (pulleys), printing machines, heating and ventilation equipment, hoists, cranes, textile machinery, special machine engineering, bakery equipment, marine equipment.



## EXALIGN™ Technical Data

Load Limit Values for Radial Forces	Type PB 2-Hole Pedestal Bearing	Type FL/DF 4-Hole/2-Hole Flange Bearing		Type PB 2-Hole Pedestal Bearing	Type FL/DF 4-Hole/2-Hole Flange Bearing
Size	Max. radial load (lb)	Max. radial load (lb)	Bush ID	Max. radial load (N)	Max. radial load (N)
1	950	840	10 - 15	4 250	3 750
2	1 700	1 300	20 - 25	7 700	5 900
3	2 100	1 700	30	9 500	8 000
4	3 800	2 400	35 - 40	17 000	11 000
5	5 100	2 600	45	23 000	12 000
6	5 600	3 200	50	25 000	14 500
7	6 700	3 500	55 - 60	30 000	16 000
8	8 500	3 800	70 - 75	38 000	17 000
9	10 200	6 000	80 - 85	45 500	27 000
10	16 700	6 800	90 - 100	74 500	30 500